

J. B. Skelly,
R.R. Chairs.

No. 93,239.

Patented Aug. 3. 1869.

Fig. 2.

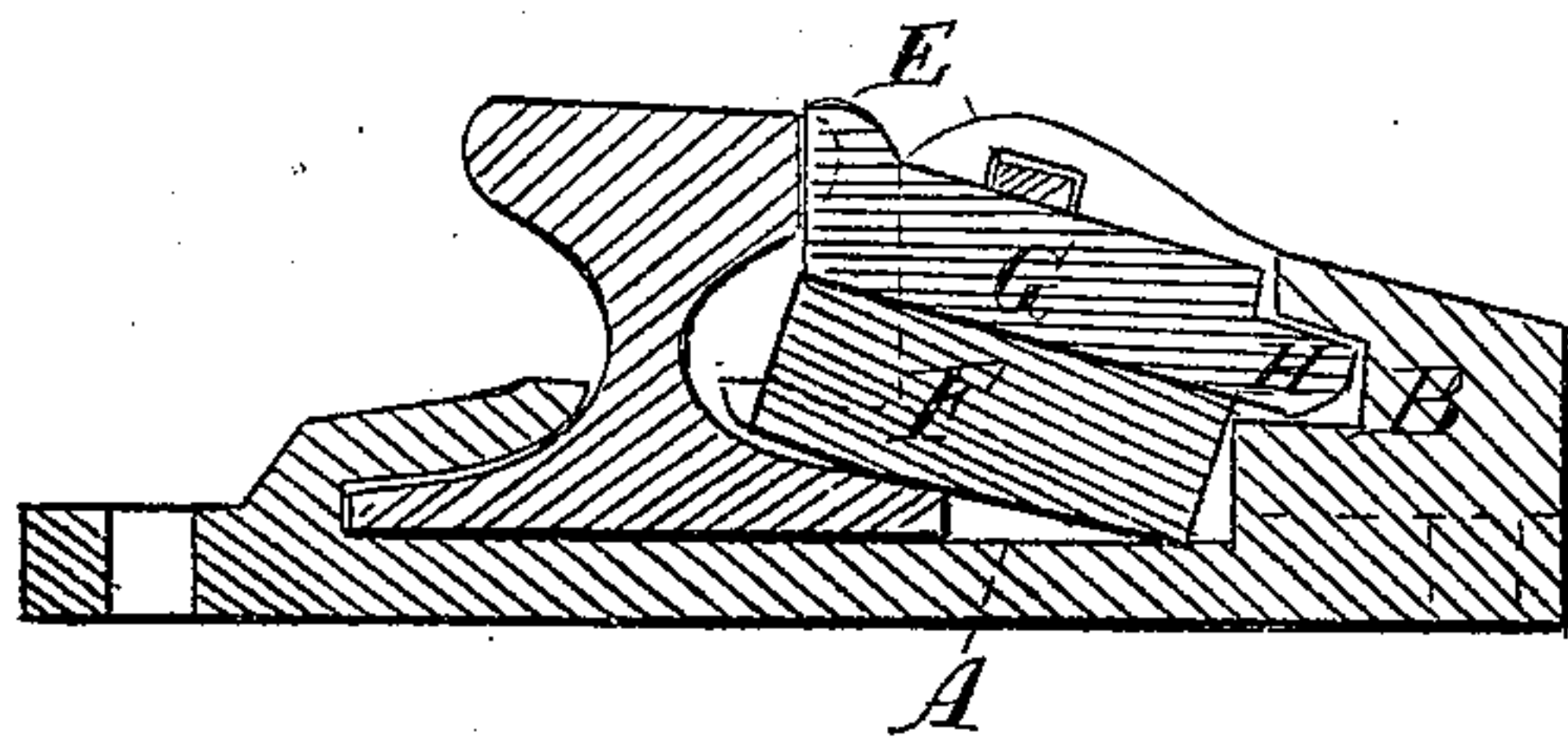
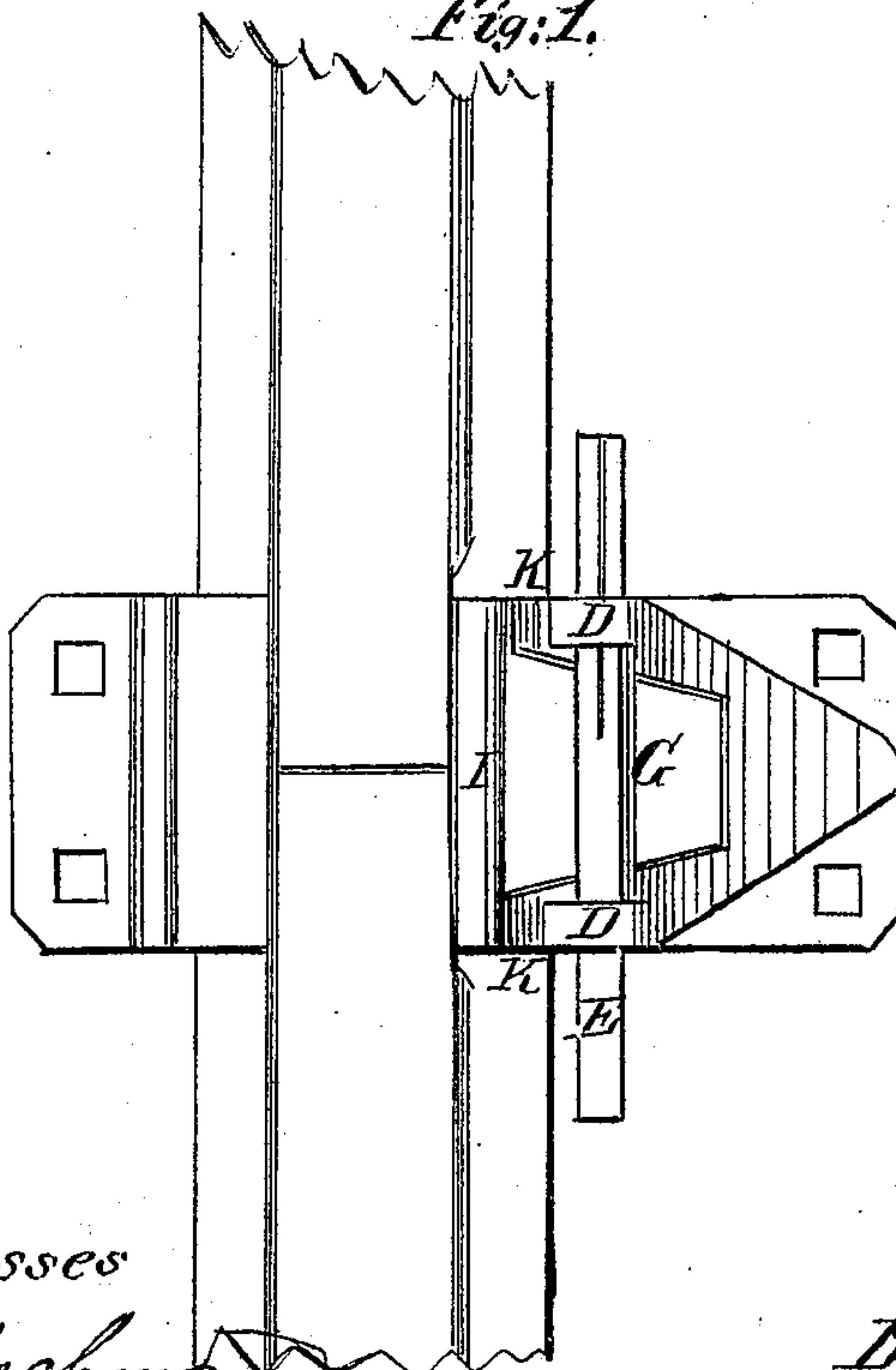


Fig. 1.



Witnesses

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United States Patent Office.

D. B. SKELLY, OF LOCKPORT, NEW YORK.

Letters Patent No. 93,239, dated August 3, 1869.

IMPROVED RAILWAY-CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, D. B. SKELLY, of Lockport, in the county of Niagara, and State of New York, have invented a new and improved Railroad-Chair; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in railroad-chairs, designed to provide chairs for the better protection of the rails at the ends, to prevent the pounding and springing common at the ends.

The invention consists in a peculiar arrangement in recesses in the outer sides of metal chairs, upon elastic beds, of blocks, to secure the rails and receive the wheels and support them while passing the joints at the ends of the rails, as hereinafter more fully specified.

Figure 1 represents a plan view of a railroad-chair, arranged according to my improvement and applied to the rails.

Figure 2 represents a section of the same.

Similar letters of reference indicate corresponding parts.

I propose to form wedge or other formed recesses in the chairs, upon the sides, which are to be placed upon the outside of the rails, as shown in the drawings at A, and with mortises in the wall at B; and on each side of these recesses, at the top of the chairs, I provide ears, D, to support a key, E.

In the bottom of these recesses, I place a rubber or

other yielding seat, F, for a metal block, G, fitted to the recess, with a projection, H, taking into the mortise B, and with a ridge, I, fitting alongside of the rails at the ends, the rounded outer edges of which I prefer to flatten for a short distance to allow this edge to fit fairly against them.

These blocks rise from the ends H toward the rails, so as to press firmly against the latter when keyed down upon the elastic beds F by the keys E, and serve the double purpose of holding the rails firmly in the chairs, and taking the weight of the wheels off the ends of the rails. The said parts I rising slightly above the tops of the rails, or being even with them, take sufficient of the weight to prevent them from springing down.

The elevated parts I of the blocks may be prolonged to any desired extent each way past the ends K of the walls of the recess in the chairs, but I consider it sufficient to make them equal in length to the breadth of the chairs.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The combination, with the chairs having the recesses A and mortises B, of the elastic beds F, and the blocks G, having the projections H and elevated ridges I, when arranged and keyed together and against the rails, all substantially as specified.

D. B. SKELLY.

Witnesses:

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